



# CONSTRUCTION EQUIPMENT

8000257555 CATERPILLAR 980H JJMS06490 - FRONT AXLE



**Sample No:** VCP272743  
**Oil Type:** TDTO FLUID SAE 30  
**Job No:** 8000257555



## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP272743   | --- | --- | --- |
| Sample Date   | 20 Sep 2020 | --- | --- | --- |
| Machine Hours | 15043       | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Not Chngd   | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |

**STRONGCO EQUIPMENT INC.**  
55 ISNOR DRIVE, BURNSIDE INDUSTRIALPARK  
DARTMOUTH, NS  
CA B3B 1N6  
Contact: Lindsay Downs  
ldowns@strongco.com  
T: (902)468-5010  
F: (902)468-2468



## OIL CONDITION

|             |     |        |     |     |     |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 96.1 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



## CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Silicon   | ppm | █ 8  | --- | --- | --- |
| Sodium    | ppm | █ <1 | --- | --- | --- |
| Potassium | ppm | █ <1 | --- | --- | --- |

**Diagnosis**  
Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TDTO FLUID SAE 30. Please confirm. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



## WEAR METALS

|            |     |      |     |     |     |
|------------|-----|------|-----|-----|-----|
| Iron       | ppm | █ 97 | --- | --- | --- |
| Copper     | ppm | █ 8  | --- | --- | --- |
| Lead       | ppm | █ <1 | --- | --- | --- |
| Tin        | ppm | █ <1 | --- | --- | --- |
| Aluminum   | ppm | █ 3  | --- | --- | --- |
| Chromium   | ppm | █ <1 | --- | --- | --- |
| Molybdenum | ppm | █ 0  | --- | --- | --- |
| Nickel     | ppm | <1   | --- | --- | --- |
| Titanium   | ppm | <1   | --- | --- | --- |
| Silver     | ppm | 0    | --- | --- | --- |
| Manganese  | ppm | █ <1 | --- | --- | --- |
| Vanadium   | ppm | 0    | --- | --- | --- |



## ADDITIVES

|            |     |        |     |     |     |
|------------|-----|--------|-----|-----|-----|
| Calcium    | ppm | █ 3190 | --- | --- | --- |
| Magnesium  | ppm | █ 11   | --- | --- | --- |
| Zinc       | ppm | █ 1268 | --- | --- | --- |
| Phosphorus | ppm | █ 1088 | --- | --- | --- |
| Barium     | ppm | █ <1   | --- | --- | --- |
| Boron      | ppm | █ 2    | --- | --- | --- |

**Depot:** SHEDAR  
**Unique No:** 5109515  
**Signed:** Wes Davis  
**Report Date:** 25 Sep 2020



# CONSTRUCTION EQUIPMENT



## GRAPHS

